

Strategic Energy Assessment 2028 (5-ES-111)  
Manitowoc Public Utilities  
Supplemental Responses

**Carbon Reduction Activities**

1. MPU has not adopted any carbon reduction goals at this time
2. 2020 CO<sub>2</sub> system emission from generation: 0.206 MMTCO<sub>2</sub>
3. MPU projects ~0.2 MMTCO<sub>2</sub> in emissions for 2022, 2024, 2026, and 2028.
4. MPU anticipates no significant changes to its generation portfolio, resulting in flat projections for CO<sub>2</sub> emissions.

**Reliability Impacts of Potential Unit Retirements**

The accompanying Attachment Y pertains to a surplus generator which has experienced recent mechanical issues. Due to its redundant nature, however, retirement of that generator has no impact on production capacity.

**Utility Resource Planning**

MPU has no plans for capacity additions or reductions at this time. An integrated resource plan (IRP) is planned for 2022 as part of a strategic assessment initiative for the utility.